

ABSTRACT

A method and cellular communications network is provided that improves the speech quality near a border of a cell by dynamically changing the size of the cell. More specifically, the method includes the steps of selecting a cell from a plurality of cells, and receiving a plurality of mobile reports from a corresponding number of mobile terminals located in a portion (e.g., cell border area or a section of the cell border area) of the cell. In response to receiving the plurality of mobile reports, an average speech quality value is determined for the portion of the cell. The portion is decreased in size if a lower threshold exceeds the average speech quality value or the portion is increased in size if the average speech quality measure exceeds an upper threshold.